## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE      |
|---------------------------|----------|--------|-----------|
| FEE DETERMINATION         | 5        | 177    | 1.5-13-00 |
| O.I.P.E. CLASSIFIER       |          | 12)    | 2202      |
| FORMALITY REVIEW          |          | 7015   | 15747     |
| RESPONSE FORMALITY REVIEW |          | 1011   | 1112/10   |
|                           |          |        | 1-1-1-    |

## INDEX OF CLAIMS

| ~ | Rejected                   | Ν. | Non-elected  |
|---|----------------------------|----|--------------|
|   | Allowed                    | 1. | Interference |
| _ | (Through numeral) Canceled | Α. | Appeal       |
| ÷ | Restricted                 | 0. | Objected     |

|               |            |           |          | .,       |    | ÷              |          | ••••            | ••••                                   |          |  | ••••• | ••••            | Res      | tric     | ctec     | İ                                       |              |              |    |
|---------------|------------|-----------|----------|----------|----|----------------|----------|-----------------|--|----------|--|-------|-----------------|----------|----------|----------|---|--------------|--------------|----|
| Cla           | aim        | 3         |          | 9 /      | V  | Da             | ite      |                 |  |          |  |       | CI              | aim      |          |          |   |              | Da           | at |
|               | <u>_</u>   | 3         | 1        | 18       | 70 | 100            | )        |                 |  |          |  |       |                 | a        | Τ        |          |   | Т            | Т            | T  |
| Final         | riginal    | 7         | - 1      | N        | 13 | 18             | 3        |                 |  |          |  |       | Final           | Original |          |          | 1                                       |              |              | 1  |
| Œ,            | IQ.        | 3         | 7        | 10       | 13 | 0              |          | L               | $\perp$                                | $\perp$  | 1  | 1     | ΙĒ              |          |          | $\perp$  | $\perp$                                 | 丄            | $\perp$      | 1  |
| _             |            | )./       | 4        | 1        | 1  | 1              | <u> </u> | 1               | 1                                      | ┺        | $\perp$  | 1     | L               | 51       |          | 丄        | $\perp$                                 | 1            | 1_           | 1  |
|               | 2          | 1         | V        | Ц        | Щ. | V              | 1_       | _               | ــــــــــــــــــــــــــــــــــــــ | 1        |  | 4     | L               | 52       |          |          | 1_                                      | $\perp$      | 1            | 1  |
|               | 3          | <b>√</b>  | 1/       | V        | 1  | 1              | 1        | 1               | 1                                      | L        | L  |       | L               | 53       | 1.       |          |   | $\perp$      |              | 1  |
|               | 4          | J         | 1        | V        | 7  | 1              | 1        | 1               | 1                                      | $\perp$  | _  | 1     | <u></u>         | 54       | -        | 1_       | _                                       | _            | ┺            | 4  |
|               | 5          | ٧         | ./       | 7        | 1  | 1              | <u> </u> | L               | ↓_                                     | $\perp$  | 1  | 1     |                 | 55       | 1_       | _        | Ļ                                       | ┸            | 1            | 1  |
| _             | 6          | 7         | ./       |          |    | 1              | L        | L               | $\perp$                                | ┸        | $\perp$  | 1     | <u>_</u>        | 56       | -        | <u> </u> | 1                                       | 1            | ┸            | 1  |
|               | X          | 1         | 1        | Щ        | Ţ  | Ì              | <u> </u> | 1_              | 1_                                     | ┸        | $\perp$  | 1     |                 | 57       | -        | _        | 1                                       | 1            | <u> </u>     | 1  |
|               | 8          | V,        | J        | 1        | J  | 1              | ┺        | L               | $\perp$                                | 1_       | ┺  | -     | _               | 58       |          | _        | 1                                       | _            | $\perp$      | 1  |
|               | 9          | V         | 1        | V        | 7  | V              | <u> </u> | $oxed{igspace}$ | 1                                      | 1_       | ╀  |       | <u></u>         | 59       | -        | 1        | ـــــــــــــــــــــــــــــــــــــــ | 1_           | 1            | 1  |
|               | 10         | 1         | J        | 1        | Щ  | 11             | _        | <u> </u>        | L                                      | $\perp$  | ┸  | 1     |                 | 60       | L        | $\perp$  | Ļ                                       | $\perp$      | 1            | 1  |
|               | 11         | 1         | 1        | 1        | 11 | Ш              | _        | L               |  |          | <u> </u>   |       |                 | 61       | ┖        | _        | 1_                                      |              | $\perp$      |    |
|               | 112        | 1         | 1        | 11       | Ш  | 1              | L_       | L               | L                                      | ╀        | _  |       |                 | 62       | L        | L        | ┖                                       | <u> </u>     | $\perp$      | 1  |
|               | 18<br>18   | V         | 1        | 11_      | Ш  | 1              | _        | ļ               | 丄                                      | _        | _  |       | L               | 63       | <u> </u> | _        | L                                       | L.           | 1_           | 1  |
|               |            | J         | ٧        | Щ        | Ц  | Ц              | <u> </u> | L               | <u>_</u>                               | 丄        | ┖  | Į     |                 | 64       | L        | _        | $\perp$                                 | _            | L            | 1  |
|               | 15         | <b>√</b>  | 1        | 1        | 1: | 11             | _        | <u> </u>        | _                                      | L        | L  |       | _               | 65       | L        | _        | <u> </u>                                | $\perp$      | ┖            | 1  |
| `. ·          | 16         | J         | ٧        | 7        | 1  | 1              | L        | L               |  |          |  | ]     |                 | 66       | L        | _        | L                                       |              |              | 1  |
| _             | 17         | V         | 1        | N        | J  | ~              | L        | L               | <u>L</u>                               |          | <u>L</u>   |       |                 | 67       |          |          | L                                       | L            | _            | 1  |
|               | 18         | J         | >        | <b>V</b> | 1  | V              |          |                 | L                                      | L        |  |       |                 | 68       | L        | L        | L.                                      | L            |              | 1  |
| ÷.            | 19         | J         | 5        | <b>√</b> | V  | V              | .,-      | 9               | 1                                      | L        | 1  | ]     | Ŀ               | 69       |          | _        |   |              | <u></u>      | l  |
| : ,           | 20         | 1         | v        | 1        | J  | V              |          |                 | ١.                                     |          |  |       | 1 -             | 70       |          | 1        |   |              | İ            | l  |
| 4             | 21         | <b>√</b>  | 1        | 8        | V  | 1              | Г        |                 | Т                                      | Т        |  |       |                 | 71       |          | 1        | Π                                       | Г            |              | T  |
| 3             | 22         | V         | 1        | V        | J  | 1              | -        |                 |  |          |  | 1     |                 | 72       |          | ĺ        |   | Г            |              | T  |
| T             | 23         | 7         | 7        | J        | 1  | 1              |          |                 |  | T        |  | 1     |                 | 73       | Г        |          |   |              | Г            | T  |
| $\neg$        | 24         | V         | V        | V        | J  | 1              |          |                 |  |          |  | 1     |                 | 74       |          |          |   | ļ            |              | T  |
|               | 25         |           | 1        | •/       | 1  | V              |          |                 | T                                      |          | 1  | 1     |                 | 75       |          |          |   |              | 1            | t  |
|               | 26         | 1         | Ī        |          |    | V              |          | Г               |  | 1        |  | 1     |                 | 76       |          | Г        |   | П            | Т            | t  |
|               | 27         | フ         | 1        | 4        | J  | 1              |          | Г               |  |          |  | 1     |                 | 77       |          |          |   | Г            | Г            | T  |
|               | 28         | 괴         | 1        | T        | 1  | T              |          |                 |  |          | Г  | 1     |                 | 78       |          |          |   | Г            | П            | T  |
|               | 29         | N         | T        | T        | П  |                | -        |                 | 1                                      | 1        |  | 1     | П               | 79       | _        | $\vdash$ | $\vdash$                                | $\vdash$     | $\vdash$     | t  |
|               | <b>3</b> b | V         | J        |          |    |                |          |                 | $\vdash$                               | 1        |  | 1     | П               | 80       |          | $\vdash$ | $\vdash$                                | _            | <del> </del> | t  |
|               | 31         | $\vec{h}$ | 4        | T        |    | 1              |          | _               | <u> </u>                               |          |  |       | П               | 81       |          |          |   | $\vdash$     | 一            | t  |
|               | 32         | •         | =        | Ò        | Ò  | ~              |          |                 |  |          | <u> </u>   |       |                 | 82       |          |          |   | m            | ┢            | t  |
| 1             | 33         |           | 7        | 0        | 0  | <b>V</b>       |          | _               |  | ╁╌       |  | 1     | П               | 83       |          | _        |   |              |              | t  |
|               | 34         |           | 1        | ŏ        | 0  | 1              |          |                 |  | T        |  | İ     | П               | 84       |          | _        | _                                       |              | Г            | T  |
|               | 35         | コ         | V        | ن        | 00 | Ż              |          |                 | <u> </u>                               |          |  | i     | П               | 85       | _        |          |   |              | Ħ            | t  |
| -(            | Œ          |           | N        |          | ١  |                |          |                 |  |          |  |       | П               | 86       |          | Г        |   | Г            |              | t  |
| T             | 37         |           | V        |          |    |                |          |                 | T                                      |          |  |       | П               | 87       |          | $\vdash$ | _                                       |              | T            | t  |
|               | 38         |           | M        |          | Т  |                |          |                 |  | <u> </u> | _  |       | П               | 88       |          |          |   | $\vdash$     |              | t  |
| 1             | 3          | - †       | N        |          |    | 1              |          |                 |  |          | <del>                                     </del> |       | П               | 89       |          |          | _                                       |              |              | t  |
| _             | 40         | * †       | -        |          | Ė  |                |          |                 | -                                      |          | <del>                                     </del> |       | П               | 90       |          |          | ┪                                       |              | Г            | r  |
| -             | 41         | _         | _        |          |    |                | -        |                 | $\vdash$                               | 一        | $\vdash$   | ĺ     | $\vdash$        | 91       | _        | _        | -                                       | -            | <del> </del> | t  |
|               | 42         |           |          |          |    | Н              |          |                 | ├                                      | ┢        | ├  |       | Н               | 92       |          |          | $\vdash$                                | _            | ⊢            | ⊦  |
| _             | 43         | -         |          | -        |    | $\vdash$       |          | -               |  | ├        | -  |       | $\vdash$        | 93       |          | -        | $\vdash$                                | <del> </del> | $\vdash$     | H  |
|               | 44         | +         | -        |          |    | Н              | $\dashv$ |                 | -                                      | -        | <u> </u>   | 1     | $\vdash$        | 94       |          | $\vdash$ | $\vdash$                                | -            | $\vdash$     | H  |
| 1             | 45         | -         | -        |          |    | $\vdash\vdash$ |          |                 | -                                      | -        | $\vdash$   |       | $\vdash$        | 95       |          | $\vdash$ | $\vdash$                                | $\vdash$     | $\vdash$     | ╀  |
| $\rightarrow$ | 46         | $\dashv$  | $\dashv$ | -        | -  | $\vdash$       | -        |                 | -                                      | ├-       | $\vdash$   |       | $\vdash$        | 96       |          |          | $\vdash$                                |              | $\vdash$     | H  |
| _             | 47         |           | -        | -        |    | $\vdash$       |          |                 | $\vdash$                               | $\vdash$ | ⊢  |       | $\vdash$        | 96<br>97 | _        | <u> </u> | -                                       | -            | ╁            | H  |
|               | 47         | $\dashv$  | -        | $\dashv$ |    |                | -        |                 | $\vdash$                               | $\vdash$ | <del> </del>                                     |       | $\vdash\vdash$  | 98       | _        | -        | H                                       | _            | $\vdash$     | H  |
|               | 49         |           | {        |          | H  | $\vdash$       | $\dashv$ |                 | $\vdash$                               | -        | $\vdash$   |       | $\vdash \vdash$ | 99       |          |          |   | $\vdash$     | $\vdash$     | H  |
| -             | -3         | -         | $\dashv$ |          |    | $\vdash$       | $\dashv$ |                 | $\vdash$                               | _        | $\vdash$   |       | <b>  </b>       | 33       | _        | _        | <u> </u>                                |              | <del> </del> | ┞  |

|          |               |          |              |          | 1              |          |                |                |            |          |           |
|----------|---------------|----------|--------------|----------|----------------|----------|----------------|----------------|------------|----------|-----------|
| Cla      |               | _        |              | <b></b>  |                | Da       | te             | <b>,</b>       |            |          |           |
|          | 쿌             |          | 1            | l        | 1              |          |                | ĺ              |            | ļ ¯      | 1         |
| Final    | Original      |          |              |          |                |          |                |                | i          | :        | H         |
| Œ        | 0             | _        | <u> </u>     |          | <u> </u>       | ـــــ    | <u> </u>       | _              | _          | _        | Ш         |
| _        | 101           | _        | <u> </u>     | <u> </u> |                | <u> </u> | L              | ļ              | <u> </u>   | L        | Ц         |
|          | 102           |          | -            | <b>├</b> | ┼—             | -        | <u> </u>       | <u> </u>       | <u> </u>   | L        | Ш         |
|          | 103           | _        | <u> </u>     | _        | ļ              | L        | L_             | <u> </u>       | L_         |          | Ш         |
|          | 104<br>105    | _        | $\vdash$     | ├        |                | -        | <del> </del> _ | <u> </u>       | <b> </b>   | <u> </u> | Ш         |
|          |               | _        | <del> </del> | -        | <del> </del>   | ┞        | ļ              | <del> </del>   | <u> </u>   | _        | 1_        |
|          | 106<br>107    | _        | ├            | ├-       | ├_             | ╀-       | -              | <u> </u>       | <u> </u>   | _        | 1         |
| _        | 108           | <u>_</u> | -            | ⊢        | ├              | <b>⊹</b> | -              | <u> </u>       | <u> </u>   | ļ        | Н         |
|          |               |          | -            | ├        | -              | ├-       | ├              | <u> </u>       |            | <u> </u> | 1         |
|          | 109           | _        | -            | -        | $\vdash$       | ├        |                | <del>  -</del> | <u>-</u> - | _        | Щ         |
|          | 110<br>111    |          | ├-           |          | <del> </del> - | ├        | ⊢              | <u> </u>       | <u> </u>   | -        |           |
| _        | 112           | _        | -            | -        | Ͱ              | ⊢        | -              | ├              |            | <u> </u> | Н         |
|          | 113           |          |              | ⊢        | -              |          | -              |                | <u> </u>   | -        |           |
| -        | 114           |          | $\vdash$     | -        | -              | -        | $\vdash$       | $\vdash$       | -          | <u> </u> | $\vdash$  |
|          | 115           |          | -            | -        | -              | $\vdash$ | -              | -              | -          | -        | Н         |
| $\dashv$ | 116           | _        | ⊢            | ├        | -              | $\vdash$ | -              | -              |            | _        | Н         |
| $\dashv$ | 117           | _        | $\vdash$     | ├─       |                | -        | $\vdash$       | -              | -          | -        | Н         |
| $\dashv$ | 118           |          | -            |          | -              |          |                |                | $\vdash$   | -        | Н         |
| $\dashv$ | 119           |          | -            | ┝        | $\vdash$       | H        | -              | -              | H          |          | Н         |
| $\dashv$ | 120           |          | $\vdash$     | -        | -              |          | -              | -              |            |          | Н         |
| •        | $\overline{}$ |          | -            |          | <del> </del> — | <u> </u> |                | -              | - 1        | _        |           |
|          | 121           |          | -            | -        | -              | <u> </u> | -              | $\vdash$       |            | _        | Н         |
|          | 122<br>123    |          | -            | -        |                | -        | -              |                | $\vdash$   | _        |           |
| -        | 124           |          |              |          | -              | <u> </u> | -              |                |            | -        | -         |
| -        | 125           |          |              | -        |                |          |                |                | -          |          | Н         |
|          |               |          | -            |          | -              |          | -              |                | -          | <u> </u> | Н         |
|          | 126<br>127    |          | -            |          |                | -        |                |                |            | -        | H         |
|          | 128           | -        | -            |          | -              |          |                | $\vdash$       |            |          | Н         |
|          | 129           |          | _            | H        | _              |          |                |                |            | -        | $\vdash$  |
|          | 130           |          |              | -        | _              |          |                | _              |            |          | H         |
|          | 131           |          | _            | H        | _              |          |                | Н              |            | _        | Н         |
|          | 132           |          |              |          | -              |          | -              | Н              |            | _        | -         |
|          | 133           |          | -            |          | H              | -        | -              |                |            | -        | $\dashv$  |
|          | 134           |          |              | -        | -              | -        | ,              |                |            | -        | $\dashv$  |
|          | 135           |          |              |          | -              |          | ÷              |                |            |          |           |
|          | 136           |          | _            | H        |                | -        |                |                |            |          |           |
|          | 137           | _        | _            | $\vdash$ |                |          |                | П              |            | $\neg$   | $\exists$ |
|          | 38            | _        | _            | Н        |                |          |                |                |            |          |           |
|          | 39            | _        | _            | Н        |                |          |                |                |            |          | $\neg$    |
|          | 40            | _        |              |          |                |          |                |                |            | _        | $\Box$    |
| _        | 141           | _        |              |          |                |          |                |                | $\dashv$   | _        |           |
|          | 142           |          |              | 1111     |                | 171      |                | 1              |            |          | -         |
|          | 143           | -        |              |          |                |          |                | -              |            | _        | $\dashv$  |
| _        | 144           |          | -            | Н        |                | Н        | Н              | $\dashv$       | -          | -        | $\dashv$  |
|          | 45            | -        |              | Н        | Н              |          | $\vdash$       | $\dashv$       | -          | -        | $\dashv$  |
| _        | 46            | ᅱ        |              | Н        | Н              | H        | $\dashv$       | $\dashv$       | $\dashv$   | -        | $\neg$    |
| -        | 147           |          | -            | Н        | $\vdash$       | $\vdash$ | $\dashv$       | $\dashv$       | $\dashv$   | -        | $\neg$    |
|          | 48            | $\dashv$ | -            | Н        | $\dashv$       | Н        | -              |                | $\dashv$   | -        | $\dashv$  |
| -+       | $\overline{}$ | -        | Н            |          | $\dashv$       | Н        | Н              | $\dashv$       | Н          | $\dashv$ | $\dashv$  |
|          | 149<br>150    | -        | -            | Н        | Н              | Н        | -              | $\dashv$       | $\dashv$   | $\dashv$ | $\dashv$  |
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If more than 150 claims or 10 actions staple additional sheet here